

Amendments to the Abstract:

~~The invention concerns a method for functionalizing polysaccharides~~

Polysaccharides are functionalized using a source ~~or~~ of free radicals which forms stable radicals on the polysaccharides structure and wherein the formed radicals reacts with a functionalized unsaturated compound, ~~characterized in that the~~. The method comprises two steps: a first step, wherein the free radical on the polysaccharide chain is formed, and a second step, wherein said radical reacts with the unsaturated compound in the absence of the radical source. ~~The invention also relates to the functionalized polysaccharide obtained by this process.~~